

# **Panasonic**

## **RAK-P001**

**How to Use the  
Remote Control  
Transmitter**

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## NOTE

### **Important note for new owners.**

This universal remote is dedicated to your Panasonic receiver. It is also pre-programmed to control the most recent Panasonic TV, VCR, DVD and DSS models. If you have non-Panasonic equipment or older Panasonic models, you will need to program the remote once you install the batteries.

To program the remote, you will need to find the four-digit code number for your device in the Code Book (section #2). There probably is more than one code listed since manufacturers make more than one remote. However, one of these codes will more than likely work your component.

**It is important to know that the first code listed isn't necessarily the one that works your component.** You may need to try more than one manufacturer code. Keep entering the codes in the remote following the instructions (found on the next few pages).

The remote should work exactly as your original remote did. Enjoy!

If you have any problems please call a customer service representative at customer service toll free at **1-888-400-PANA**.

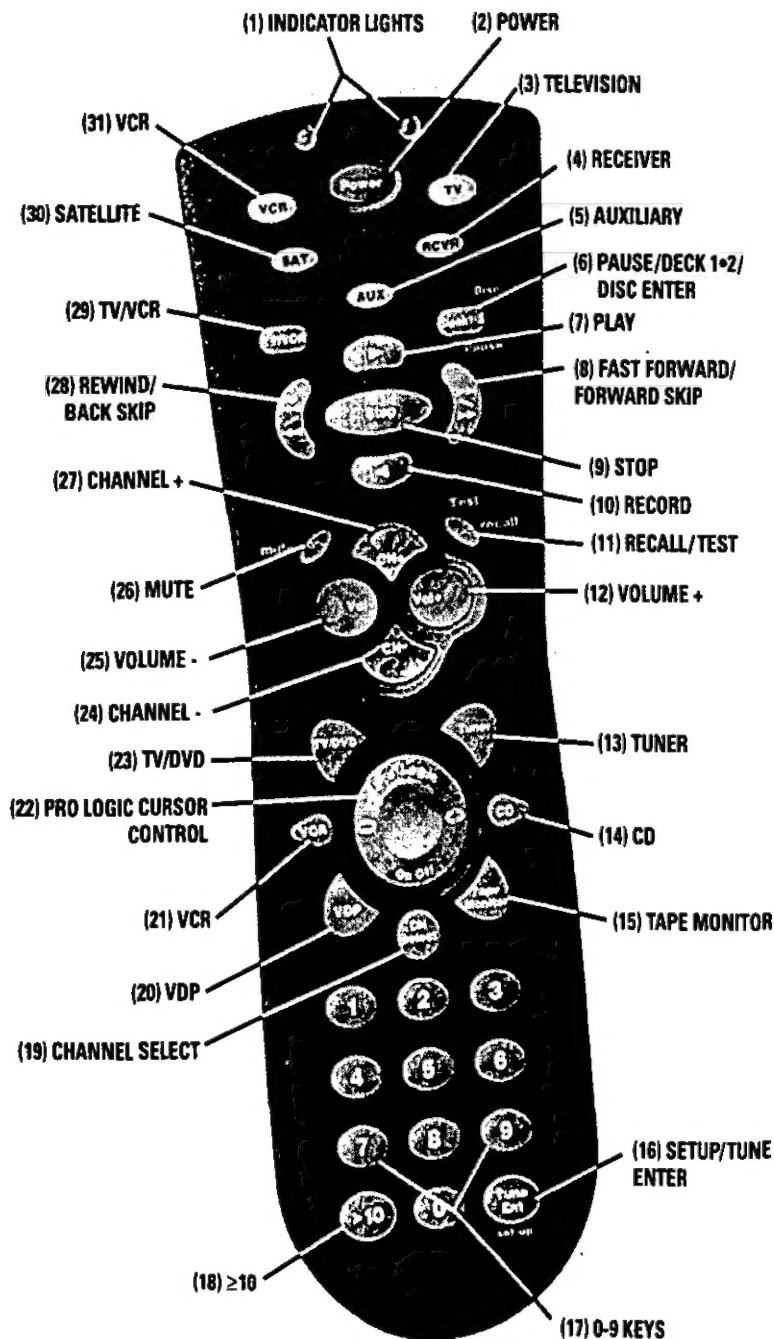
1. On the back of the remote, **push the lever on the battery cover forward and lift.**
2. **Install 4 "AAA" alkaline batteries**, making sure the + and - marks match the diagram inside.
3. **Replace the battery cover.**
4. **Test batteries** by pressing the "Power" key. *Make sure that your Panasonic receiver turns on.* (Improperly installed batteries may cause acid leakage and/or damage to your unit.)

**NOTE:**

If you replace dead batteries or take them out, you have 25 minutes in which to replace them. If you wait longer than 25 minutes, the codes which you have programmed into the remote control may need to be reprogrammed.

This unit will operate up to 5 components: "TV", "VCR", "SAT" (Satellite), "RCVR" (Audio Receiver), and AUX (Auxiliary).

**AUX = DVD, Cable, or an additional TV, VCR, or Cable.**



- 1. Indicator lights:** These lights will turn on or blink depending on the function that the remote control is performing. The instructions on the following pages in this manual will explain what the indicator lights should do depending on what function you are trying to perform.
- 2. Power key:** Press this key to turn a component on or off.
- 3. Television mode key:** Press this key to control your TV features.
- 4. Receiver mode key:** Press this key to control your audio receiver features.
- 5. Auxiliary mode key:** Press this key to control your auxiliary component. (AUX=DVD,Cable, or an additional TV, VCR. or Satellite)
- 6. Pause/Deck 1•2/Disc Enter key:** If VCR has been selected, press this key to pause recording or playback of a videotape. Press again to resume recording or playback. If tape input has been selected, press this key to choose between Tape Deck 1 and 2. If CD input has been selected, press this key and select disc by entering digits.
- 7. Play key:** Press this key to start or resume playback of a videotape.
- 8. Fast Forward/Forward Skip key:** Press this key to fast forward a videotape.
- 9. Stop key:** Press this key to stop playback, recording, rewinding or fast forwarding of a videotape.
- 10. Record key:** Press this key to start recording a program.
- 11. Test/Recall key:** In Receiver (RCVR) mode, press this key to output a test signal. In other modes, press this key to switch to the last channel that you were viewing.
- 12. Volume (+) key:** Press this key to increase the volume.
- 13. Tuner key:** Press this key to select the tuner input on your receiver.
- 14. CD key:** Press this key to select the CD input on your receiver.
- 15. Tape Monitor key:** Press this key to select the tape input on your receiver.

- 16. Setup/Tune Enter key:** Setup is a multi-functional key. (See following pages for its uses.) Press the Tune Enter key to select radio stations by frequency.
- 17. 0-9 keys:** Press these keys for numerals.
- 18.  $\geq 10$  key:** Press this key to access CD tracks or tuner presets greater than or equal to 10.
- 19. Channel Select key:** Press this key to select between center and surround channels.
- 20. VDP key:** In the future, this key will have a function.
- 21. VCR key:** Press this key to select the VCR input on your receiver.
- 22. Pro Logic cursor control:** Use this cursor to control the Pro Logic functions on your receiver.
- 23. TV/DVD key:** Press this key to select the TV or DVD input on your receiver.
- 24. Channel (-) key:** Press this key to go down a channel.
- 25. Volume (-) key:** Press this key to decrease the volume.
- 26. Mute key:** Press this key to turn off the sound.
- 27. Channel (+) key:** Press this key to go up a channel.
- 28. Rewind/Back Skip key:** Press this key to rewind a videotape.
- 29. TV/VCR key:** Press this key to switch from TV to VCR or from VCR to TV.
- 30. Satellite mode key:** Press this key to control your satellite features.
- 31. VCR mode key:** Press this key to control your VCR features.

**Note:** While in one component mode, the remote will allow you to use some features of your other components without changing component modes. See "RECEIVER-PLAY CLUSTER PUNCH THRU" (page 9)

**TV/VCR/SATELLITE/AUX SET-UP:**

- 1. Make sure that the component (TV, VCR, Satellite, or AUX) which you want to set up has been turned on.**

AUX = DVD, Cable, or an additional TV, VCR, or Cable.

In the codebook (section #2), **find the 4-digit code numbers** for your component brand.



- 2. Press the key of the component that you want to set up.** (TV, VCR, SAT, AUX)



- 3. Press the "set up" key.** Both the green and red lights should be on.



- 4. Press the key of the component that you want to set up.** (TV, VCR, SAT, AUX) Only the red light should be on.



- 5. Within thirty seconds, enter in a 4-digit code number.** The component lights will blink with an upward motion when a code has been successfully entered. In this case, proceed to step 6. If the code has not been successfully entered, the red light will blink alone. In this case, return to step 1 and start over.



- 6. Test code by pressing "Power" key.** If the component turns off, you've got the right code. Follow the same instructions to set up your other components. If the component doesn't turn off, return to step 2 and use the next 4-digit code listed.

**CHANGING COMPONENT MODES**

After the remote has been programmed for multiple components, you must set the remote into the mode of the component you wish to control by pressing the corresponding component key. For example, if you turned on your TV and now would like to turn on your VCR, you must press the "VCR" key to put the remote into the VCR mode before you press "Power."



- 1. Press the key of the component that you want to control.** (TV, VCR, SAT, RCVR, or AUX) *If you were successful in changing modes, the green light will blink and the component key will light up. The red light will blink if there is nothing programmed for that component key.*
- 2. Now you are in control of that particular component.**



When your remote is in RCVR mode, you will have the ability to control some features of another component without changing component modes. This is called Punch Thru. When you press any of the Play Cluster keys (**PLAY**, **FFWD**, **REW**, **STOP**, **PAUSE**, **TV/VCR**, **REC**) or the Channel Keys (**CH+**, **CH-**), your remote will control some features of another component depending on which input was selected on the receiver. For example:

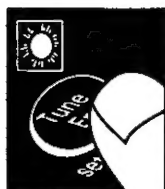
- If the **VCR** input select on the remote is pressed, the Play Cluster keys and Channel keys will function as VCR keys.
- If the **TV/DVD** input select on the remote is pressed, the Channel keys will function as TV keys.
- If the **CD** input select on the remote is pressed, the Play Cluster keys, the number keys (0-9), and the Tune/Enter key will function as Panasonic/Technics CD keys.
- If the **Tape Monitor** input select on the remote is pressed, the Play Cluster keys will function as Technics Tape keys.
- If the **Tuner** input select on the remote is pressed, the number keys (0-9) and the Tune/Enter key will function as Panasonic Receiver/Tuner keys.

**SLEEP/TIMER FUNCTION**

Your remote is equipped and programmed with a SLEEP/TIMER function, separate from your TV or for a TV not equipped with SLEEP/TIMER.



**1. Press "TV" key.**



**2. Press "set up" key. Both the red and the green lights should be on.**



**3. Press "TV" key. Only the red light should be on.**



**4. Press "Power" key.**



**5. Press numerical keys 01-99 for the desired number of minutes. Both the red and the green lights will blink.**

(Example: 01=1 minute; 99=99 minutes)

**6. Point the remote at your TV, and leave in that position. When the programmed number of minutes has elapsed, the remote will turn off your TV.\*\***

**NOTE:** The remote can be used to control all functions and devices while in SLEEP/TIMER mode. To cancel SLEEP/TIMER mode, repeat steps 1-3. Enter the number 00 with the numerical keys to cancel the SLEEP/TIMER mode.

**\*\*You must have your remote pointed at your TV for SLEEP/TIMER mode to work properly.**

**MULTIPLE DEVICES**

While in one mode, the remote allows you to use some features of your other components. The following chart lists which functions crossover to other components.

CURRENT MODE	OTHER MODE	CROSSOVER FUNCTIONS
VCR, SAT CBL	TV	Volume Up/Down, Mute
TV, SAT AUX	VCR	Play, Pause, Stop Fast Forward, Rewind, Record, TV/VCR

**VOLUME PRIORITY PUNCH THROUGH**

When you press the Volume keys on the remote, they will control the component that is currently in use. However, you can change the volume priority to control the volume keys of one component regardless of what component mode is in use. For example, if you have a home theater system and want the volume keys to control your receiver only, you can set your volume priority to RECEIVER.



**1. Press the "TV" key.**



**2. Press the "set up" key.** *Both the green and red lights should be on.*



**3. Press the key of the component you wish to set up volume priority.** (TV, VCR, SAT, RCVR, or AUX) *Only the red light should be on.*



**4. Press the "Vol +" key.**

To disable the volume priority you have set and return to the default:



**1. Press the "TV" key.**



**2. Press the "set up" key.** *Both the green and red lights should be on.*



**3. Press any one of the component keys.** (TV, VCR, SAT, RCVR, or AUX) *Only the red light should be on.*



**4. Press the "Vol -" key.** The volume priority will now default to the TV volume.

**Battery Installation:**

- Thoroughly clean the battery compartment before inserting new batteries.
- Do not mix old and new batteries, or batteries of different types (carbon and alkaline, etc.)
- Do not use rechargeable type batteries.
- Do not attempt to recharge alkaline or carbon batteries.
- Always remove old, weak or worn-out batteries promptly and dispose of them properly.
- Never subject batteries to excessive heat or flame; do not attempt to dissolve them; and be sure they are not short-circuited.
- If the leaking electrolyte comes into contact with skin or clothes, flush with water immediately.

**Battery Life:**

Battery life is about one year.

The batteries should be replaced if the system fails to respond to commands from the remote control transmitter even when held close to the remote control signal sensor.

*When you need to replace these batteries use four LR03, AAA size, AM4.*

**Method for Use:**

**Note:** Be sure the transmission window and the signal sensor are free from dust. Excessive dust might effect performance.

The operation may not be correct if direct sunlight or another strong light source strikes the signal sensor of this unit. If there is a problem, place the unit away from the light source.

**Problem:**

- No power in remote (no light).
- The component lights do not blink with an upward motion after the code was entered.
- Code enters into remote, but the component does not respond.
- None of the codes work the component.

**Solution:**

Check battery installation and battery freshness. Press "set up" to see if the red and green lights both come on.

Enter the code within thirty seconds after you press "set up". Try the code again or the next code on the list.

Try the next code on the list. One of the codes should work your component.

After trying all the codes, call customer service at:  
**1-888-400-PANA**

**HELPFUL HINTS**

- Enter only one four-digit code at a time.
- The first code listed isn't always the one for your component. Some work better than others, therefore try them all.
- Enter the code within thirty seconds after pressing "set up".
- The most often used code for each brand is listed first.
- If you replace the batteries within 25 minutes after they have been taken out, the codes which you have programmed will be retained.
- **If you have any problems or questions, call customer service at 1-888-400-PANA.**

**NOTES**

# Panasonic

- TV codes: 17-20
- VCR/DVD codes: 21-23
- CABLE codes: 24-25
- SATELLITE codes: 26



## TV

**A Mark**  
4100

**Action**  
4013

**Admiral**  
4132 4052 4053 4077 4085 4084

**Advent**  
4159

**Akal**  
4075 4066 4009 4000

**Anam**  
4011

**Anam National**  
4017

**AOC**  
4024 4000 4006 4042 4100 4122  
4129

**Audiovox**  
4013

**Baycraft**—Also see Baycrest  
4060 4059 4042 4084

**Bell & Howell**  
4053 4132 4052 4085

**Broksonic**  
4053 4067 4113 4000 4002 4011  
4114

**Candle**—Also see Citizen  
4086 4053 4069 4059 4129 4100  
4101 4148 4000 4011 4024 4042  
4051 4058 4114 4116

**Citek**  
4149

**Citizen**—Also see Candle  
4086 4114 4148

**Classic**  
4066 4000

**Colortyme**  
4053 4069 4044 4077 4115 4009  
4018 4096 4097 4105 4090

**Concherto**  
4053

**Contec Cony**  
4013 4011 4109 4046 4073

## TV

**Craig**  
4069 4013 4114 4011 4035 4056  
4059

**Crosley**  
4053

**Crown**  
4059 4100

**Curtis**  
4000 4090 4123

**Curtis Mathes**  
4133 4053 4132 4069 4077 4070  
4009 4024 4042 4100 4101

**CXC**  
4013 4011

**Daewoo**—Also see Funai / Goldstar /  
Magnasonic / Nikko  
4142 4086 4130 4129 4024 4017  
4100 4150 4000 4042 4090 4101  
4123

**Daytron**  
4100 4035 4042 4123 4129

**Denon**  
4152

**Electrohome**  
4075 4099 4100 4000 4003 4009  
4042 4062

**Emerson**  
4054 4069 4013 4012 4153 4043  
4085 4084 4011 4000 4083 4071  
4154 4004 4038 4155 4100 4003  
4009 4016 4035 4042 4046 4056  
4058 4059 4072 4073 4109 4113  
4115 4150 4024 4009

**Fisher**—Also see LXI / Sanyo / Sears  
4093 4066 4068 4039 4047 4107  
4088

**Fortress**—Also see Daewoo / Goldstar /  
Magnasonic / Nikko  
4009

**Funai**  
4013 4029 4011 4058 4158

**Futuretech**  
4011

## TV

**Garrard**

4158

**GE**

4133 4069 4076 4134 4063 4077  
 4080 4025 4017 4027 4040 4000  
 4006 4008 4011 4019 4026 4028  
 4042 4100 4124 4150

**Goldstar**—Also see Daewoo / Funai /**Magnasonic / Nikko**

4052 4014 4134 4106 4122 4000  
 4024 4121 4009 4042 4100 4112  
 4051 4101 4105

**Gradiente**

4065

**Granada**

4060 4100 4105

**Grundig**

4076 4043 4139 4057 4079 4100

**Hallmark**

4000

**Harley Davidson**—Also see RCA

4077

**Harman Kardon**

4000

**Hitachi**

4152 4118 4060 4076 4077 4100  
 4119 4129 4072 4099 4010 4031  
 4033 4036 4042 4085

**Infinty**

4105

**Inteq**—Also see Zenith

4052 4050

**JBL**

4105

**JC Penney**

4069 4076 4077 4028 4024 4025  
 4000 4006 4106 4107 4055 4100  
 4121

**Jensen**—Also see NEC

4009 4083

**JVC**

4086 4074 4069 4076 4048

**Kawasho**

4066 4024 4109 4098

## TV

**Kenwood**

4009 4115 4000 4024 4040 4078  
 4096

**Kloss Novabeam**

4017 4125

**KMC**

4100

**KTV**

4143 4013 4109 4016 4100 4011  
 4024 4042

**Lloyds**

4115 4099 4112

**Logik**

4052 4132 4138 4137

**LXI**—Also see Fisher / Sanyo / Sears

4133 4053 4077 4000 4106 4158  
 4028

**Magnasonic**—Also see Daewoo / Funai / Goldstar / Nikko

4085 4000 4009 4058 4129

**Magnavox**

4053 4086 4076 4043 4125 4090  
 4009 4105 4082 4085 4000 4015  
 4042 4116 4003 4021 4024 4035  
 4049 4058 4059 4103 4104 4108  
 4110

**Marantz**

4053 4043 4009 4024 4040 4042  
 4105 4106

**Matsushita**—Also see Panasonic

4091

**Megatron**—Also see Hitachi

4060

**Memorex**

4132 4000 4001 4034 4062 4088  
 4099 4106 4156

**MGA**—Also see Mitsubishi

4075 4132 4062 4009

**Mitsubishi**—Also see MGA

4075 4151 4062 4099 4000 4127  
 4009 4005 4024 4001 4036 4042  
 4091 4100 4105 4111 4117

**MTC**

4053 4069 4024 4129 4000 4018  
 4088 4109 4125

## TV

**Multivision**

4143 4081

**NAD**

4034

**NEC**

4043 4042 4009 4096 4115 4024

4040 4097

**Nikko**—Also see Daewoo / Funai /

Goldstar / Magnasonic

4129

**Nishi**

4069

**Nyon**

4028 4000

**Onwa**

4011

**Optimus**—Also see Radio Shack /

Realistic

4126

**Orion**

4153 4084

**Panasonic**—Also see Matsushita

4142 4118 4076 4013 4070 4077

4080 4043 4017 4117 4027 4030

4056 4055 4025 4057 4092 4129

4140 4148 4158

**Philco**

4053 4086 4043 4090 4085 4009

4015 4059 4125 4000 4003 4021

4024 4035 4042 4058 4082 4103

4104 4105 4108 4110 4129

**Phillips**

4053 4086 4105

**Pioneer**

4023 4043 4126 4120 4017 4040

4042

**Portland**

4100 4101 4000 4024 4042 4123

**Prima**

4101 4138 4043

**Proscan**—Also see RCA

4133 4134 4077

**Proton**

4077 4000 4100 4009 4114 4007

4018 4033 4042 4059 4095 4106

## TV

**Pulsar**

4129 4000 4018 4042 4106 4112

4113

**Quasar**

4142 4118 4076 4080 4043 4017

4030 4117 4035 4055 4057 4092

4119

**Radio Shack**—Also see Optimus /

Realistic

4053 4013 4077 4068 4061 4011

4034 4017 4020 4032 4087 4099

4100 4141

**RCA**—Also see Proscan

4133 4023 4069 4134 4063 4077

4080 4028 4006 4017 4092 4011

4025 4026 4027 4040 4042 4100

4124

**Remocon**

4101

**Rent-Co**

4090

**Runco**

4132 4148

**Sampo**

4118 4017 4024 4042

**Samsung**

4069 4074 4157 4024 4100 4000

4042 4085 4102

**Sansui**

4061

**Sanyo**—Also see Fisher / LXI / Sears

4068 4039 4088 4022 4047 4107

**Scott**

4054 4013 4100 4011 4042 4058

4082 4084

**Sears**—Also see Fisher / LXI / Sanyo

4093 4133 4053 4060 4077

4068 4039 4028 4047 4000 4107

4011 4022 4045 4016 4088 4100

**Sharp**

4135 4041 4061 4087 4128 4020

4033 4090 4116 4100 4047 4085

4089 4094 4099 4115 4122

**Signature 2000**

4132 4087 4039

## TV

**Silver**

4000 4009

**Simpson**

4000 4009

**Sony**

4064 4066 4041 4144 4098 4100

**Soundesign**4059 4000 4003 4011 4042 4072  
4083**SSS**

4009 4011 4024

**Sylvania**4053 4086 4043 4090 4104 4009  
4108 4015 4110 4059 4125 4021  
4082 4000 4003 4024 4035 4042  
4045 4058 4103 4105 4116 4129**Symphonic**

4012 4013 4029 4158 4058

**Tandy**

4053

**Tatung**

4017 4037 4114

**Technics**—Also see Panasonic4118 4076 4080 4043 4117 4145  
4057 4092**Techwood**

4053 4009

**Teknika**4132 4013 4059 4011 4024 4149  
4040 4042 4100 4112 4129**Telefunken**

4115

**TMK**

4009 4000 4115

**Toshiba**4093 4086 4069 4107 4111 4039  
4106 4131**Totevision**

4077

**Ultra**

4129

**Video Concepts**

4091 4011

## TV

**Videokron**

4136 4147 4146 4053 4136

**Vidtech**

4024

**Viewmax**

4101

**Wards**4132 4086 4050 4053 4069 4077  
4061 4025 4000 4024 4085 4090  
4042 4104 4020 4026 4058 4059  
4106**XR 1000**

4132 4158

**Yamaha**

4043 4024 4059 4115 4129

**Zenith**4052 4050 4132 4044 4014 4129  
4158

## VCR/DVD

**Action**

6103

**Admiral**

6101

**Alwa**

6028

**Akal**

6025 6011 6016 6049 6059

**Beaumont**

6010

**Bell & Howell**

6058

**Broksonic**

6054 6075 6124 6066 6117 6004

6093 6095 6123

**Candle**—Also see Citizen

6043 6103 6014 6027 6028 6040

6004 6010 6023 6024 6056 6072

**Canon**

6027 6109

**Capehart**

6024 6104

**Citizen**—Also see Candle

6014 6027 6028 6040 6072

**Colortyme**

6081 6096 6027 6080

**Craig**

6031 6043 6108 6120

**Criterion**

6031

**Curtis Mathes**

6027 6014 6081 6109 6040 6006

6010 6023 6028 6051 6082 6094

**Daewoo**—Also see Funai / Goldstar /

Magnasonic / Nikko

6005 6103 6014 6104 6024 6023

6099

**Daytron**

6103 6024 6104

**Denon**

6038

**Dynatech**

6014 6065

**Electrohome**

6067 6013 6043 6122 6004 6053

## VCR/DVD

**Emerson**

6075 6054 6007 6043 6124 6013

6014 6066 6081 6088 6018 6095

6125 6023 6028 6037 6071 6078

6097 6004 6053 6055 6058 6117

6123 6126

**Fisher**—Also see LXI / Sanyo / Sears

6069 6014 6108 6062 6015 6039

6058 6065

**Funai**—Also see Daewoo / Goldstar /

Magnasonic / Nikko

6057 6028 6072

**Garrard**

6028

**GE**

6019 6081 6027 6068 6040 6010

6082 6092 6097

**Genexxa**

6028

**Go Video**

6019 6020 6031 6032 6116 6118

6010

**Goldstar**—Also see Daewoo / Funai /

Magnasonic / Nikko

6048 6043 6007 6128 6008 6010

6041 6056

**Gradiente**

6035

**Granada**

6013 6004 6053

**Hitachi**

6012 6038 6063 6119 6028 6040

6092 6065 6113

**Homeline**

6043

**JBL**

6086

**JC Penney**

6038 6031 6043 6027 6010 6070

**Jensen**

6050 6052

**JVC**

6035 6012 6047 6038 6096 6074

6050 6078 6003 6026 6058 6097

## VCR/DVD

**Kenwood**

6069 6006 6050 6058 6094

**Lloyds**

6028 6094 6057 6072 6108

**Logik**

6031 6079

**LXI**—Also see Sears / Sanyo / Fisher

6057 6028

**Magnasonic**—Also see Daewoo / Funai / Goldstar / Nikko

6031 6043 6103

**Magnavox**

6035 6017 6031 6027 6068 6014

6096 6109 6004 6082 6028 6033

6055 6071 6074

**Magnin**—Also see MGN

6010

**Marantz**

6017 6004 6045 6056 6082 6094

**Marta**

6043

**Matsui**

6028

**Matsushita**—Also see Panasonic

6027

**MEI**

6065

**Memorex**

6085 6048 6038 6043 6046 6108

6000 6022 6058

**MGA**—Also see Mitsubishi

6013

**MGN**—Also see Magnin

6010

**Midland**

6072

**Minolta**

6038

**Mitsubishi**—Also see MGA

6067 6127 6013 6122 6043 6034

6053 6112 6083 6090

**MYC**

6031 6028 6057

## VCR/DVD

**Multitech**

6028 6057

**NEC**

6048 6007 6091 6096 6094 6056

6028 6045 6006 6050 6051 6065

6074 6078

**Optimus**—Also see Radio Shack /

## Realistic

6061 6043 6128 6121

**Panasonic**—Also see Matsushita

6129 6043 6031 6027 6068 6109

6096 6107 6014 6081 6082 6071

6073 6108 6110 6130

**Pentax**

6038 6094

**Philco**

6017 6027 6068 6004 6028 6033

6057 6082

**Phillips**

6014 6027 6068 6004 6033 6082

**Pioneer**

6106 6009 6033 6121

**Portland**

6024 6104

**Pro Max**

6128

**Proscan**—Also see RCA

6105 6081 6107

**Proton**

6031

**Pulsar**

6128 6027 6103 6010 6072 6028

6098

**Quasar**—Also see Technics

6043 6129 6068 6027 6109 6081

6082 6115

**Radio Shack**—Also see Optimus /

## Realistic

6043

**RCA**—Also see Proscan

6038 6089 6105 6013 6069 6131

6081 6107 6068 6027 6096 6040

6073 6092 6010 6003 6009 6074

6076 6077 6099

## VCR/DVD

**Realistic**—Also see Optimus / Radio**Shack**

6085 6061 6043 6027 6108 6028  
6030 6002 6010 6053 6062 6082

**Samsung**

6128 6010 6040 6072 6028 6073

**Sansui**

6031 6074 6095

**Sanyo**—Also see Fisher / Sears

6085 6069 6108 6058 6015 6039  
6062

**Scott**

6043 6054 6075 6014 6018 6071

**Sears**—Also see Fisher / Sanyo

6085 6038 6043 6069 6027 6014  
6039 6028 6015 6058 6062 6108  
6045 6074 6083 6102

**Sharp**

6061 6046 6101 6030 6002 6051  
6053 6076

**Shintom**

6031

**Signature 2000**

6085 6101

**Singer**

6031

**Sony**

6086 6087 6029 6021 6016 6065  
6084 6113 6044 6064 6098 6050

**Sylvania**

6027 6109 6028 6004 6057 6082  
6033 6071

**Symphonic**

6028 6057 6050 6108 6002 6045  
6072

**Tatung**

6050 6074

**Teac**

6028

**Technics**

6027 6096 6110 6111

**Teknika**—Also see Panasonic

6043 6027 6028 6076

## VCR/DVD

**Thomas**

6028

**TMK**

6023

**Toshiba**

6013 6014 6103 6100 6114 6015  
6036 6060 6084 6108

**Totevision**

6043 6109

**Ultra**

6104

**Unitec**

6072 6073

**Vector Research**

6094

**Video Concepts**

6083 6094

**Wards**

6061 6043 6014 6046 6028 6030  
6002 6004 6010 6053 6108

**XR 1000**

6031 6028

**Yamaha**

6050 6094

**Zenith**

6048 6047 6025 6043 6040 6059  
6057

## CABLE

## ABC

2013	2016	2018	2053	2010	2011
2030	2031	2034	2038	2048	

## AIM

2047

## Archer

2049 2034 2060

## Belcor

2060

## BRX

2046

## Cableview

2043

## Century

2034

## Citizen

2049 2027 2034

## Citizen

2047

## Contec

2005	2015	2021	2028	2053	2041
2012	2014	2038	2042		

## CPI

2040

## Diamond

2041

## Eagle

2031

## Eastern

2006

## GC Electronics

2049 2058 2019 2027 2034 2052

## Gemini

2047	2039	2043
2076		

## General Instruments

2050 2016 2028 2070 2022 2048

## Hamlin

2041 2073 2017

## Hitachi

2046 2048

## Jasco

2049

## CABLE

## Jerrold

2009	2016	2028	2050	2040	2015
2048	2045	2031	2022	2023	2057
2059					

## JVC

2009

## Magnavox

2002 2048

## Memorex

2020 2031 2034 2038 2075

## Micro Com

2078

## Monarch

2027

## Movie Time

2013 2033 2027 2034

## Northcoast

2036

## NSC

2013	2004	2012	2033	2034	Oak
2012	2038	2025	2041	2079	

## Panasonic

2020 2005 2014 2037

## Paragon

2020 2031 2034

## Philips

2054	2056	2072	2044	2001	2024
2031	2034	2055	2061		

## Pioneer

2030 2037

## Proscan

2068

## Pulsar

2027 2049

## Radio Shack

2034 2049 2060

## RCA

2068

## Recoton

2069

## Regal

2041

## Regency

2042



## CABLE

**Rembrant**

2012

**Samsung**

2027 2030

**Scientific Atlanta**

2066 2053 2021 2077 2010 2080

**Sears**

2046

**Signal**

2027

**Signature 2000**

2048

**Sony**

2003

**Sprucer**

2014 2036

**Starcom**

2016 2018 2050 2048 2032 2047

2023 2026 2044 2070 2071 2075

**Stargate**

2047 2027

**Sylvania**

2029 2046 2065

**Telecaption**

2067

**TeleView**

2027

**Texscan**

2062 2029 2065

**Tocom**

2013 2000 2011 2033 2010 2012

2014

**U. S. Electronics**

2053 2018 2048

**Unika**

2034

**United Cable**

2016

**Universal**

2069 2051 2071 2034 2049 2060

**Viewstar**

2064 2031 2035 2055 2063 2010

**Wards**

2048

## CABLE

**Warner**

2030

**Wave Master**

2008

**Zenith**

2020 2036 2074

## SATELLITE

**Alphastar**

3064 3028

**Birdview**

3026

**Chaparral**

3043 3019

**CI Satellite**

3025

**Datron**

3056

**DISH Network**

3061

**Drake**

3053 3047 3044 3037 3035 3031

3023 3001

**DX Communications**

3045 3033

**Echostar**—Also see Legend

3049 3048 3040 3032 3020

**Equus**

3038

**Fujitsu**

3011

**GE**

3051

**General Instruments**

3046 3015 3008 3006 3004

**Hitachi**

3059 3018

**HTS**

3041

**Hughes**

3058 3024 3018

**Intersat**

3042

**Janell**

3011

**Kenwood**

3013

**Legend**—Also see Echostar

3020

**M/A Com**

3015 3008 3002 3001

## SATELLITE

**ORB**

3027

**Panasonic**

3062 3000

**Pansat**

3052 3022

**Primestar**

3033

**Proscan**

3051

**Quick Draw**

3045

**Radio Shack**

3014 3006 3004

**RCA**

3051

**Realistic**

3014

**Rural Cable**

3004

**Samsung**

3064

**Sony**

3056

**Star Trak**

3055 3054 3010 3009

**STS**

3007

**SuperGuide**

3029 3017

**Tee-Com**

3057

**Toshiba**

3060 3015 3001

**Uniden**

3063 3039 3036 3034 3030 3021

3017 3016 3014 3012 3005 3003

**Video Pall**

3011

**Viewstar**

3050

**Zenith**

3011



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**KEEP FOR FUTURE USE**  
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